



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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नई विल्सनी, शनिवार, मई 31, 1975 (ज्येष्ठ 10, 1897)

No. 22]

NEW DELHI, SATURDAY, MAY 31, 1975 (JYAIKTHA 10, 1897)

इस भाग में चिन्ह पृष्ठ संख्या वी जाती है जिससे कि यह अलग तंकालन के रूप में रखा जा सके।

Separate pagings are given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## PATENTS AND DESIGNS

Calcutta, the 31st May, 1975.

## APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE.

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

25th April, 1975

827/Cal/75. Dr. Jyotirindranath Adhya. An Improved process for bright tin deposit on Steel Sheets by means of specific organic compound in electrolytic bath.

828/Cal/75. Hoechst Aktiengesellschaft. Process for preparing copper phthalocyanine pigments of the  $\alpha$ -modification.

829/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to satellite communications systems. (January 3, 1975).

830/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to transistor switching net works. December 5, 1974.

831/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to satellite data transmission systems. (January 8, 1975).

832/Cal/75. Scooters India Limited. A power driven two wheeler vehicle.

833/Cal/75. R. K. Sood. An actuator.

834/Cal/75. Bassani S.p.A. Improvements in or relating to elastic contact for electrical sockets.

835/Cal/75. Vsesojuzny Nauchno-Issledovatelsky Institut Gidro-Tekhniki I Melioratsii Imeni A. N. Kostyakova. Drain laying machine.

26th April, 1975

836/Cal/75. Council of Scientific and Industrial Research. A process for the manufacture of dibenzyl disulphide.

837/Cal/75. Council of Scientific and Industrial Research. A new extinguishing medium for extinction of fires in flammable liquids.

838/Cal/75. Council of Scientific and Industrial Research. A process for making high polymeric dispersant suitable for effecting separation of clays and other materials containing active hydroxyl groups on the surfaces present in ores and minerals.

839/Cal/75. Delhi Cloth &amp; General Mills Co., Ltd. Improvements in or relating to singeing of yarns of cotton, viscose and acetate fibres or their blends with synthetic fibres.

840/Cal/75. Bayer Aktiengesellschaft. A process for the production of ammonium salts of dithiocarbamic acid.

841/Cal/75. Alcan Research and Development Limited. Treatment of aluminium reduction cell linings. (April 29, 1974).

842/Cal/75. Akademia Medyczna We Wroclawiu. Spatial intrauterine contraceptive insert.

843/Cal/75. Chong Min Ho. Improved machine for cashing operations.

844/Cal/75. V. N. Karail. Improved type of burner for cooking stove.

845/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to housings for plug-in modules. (August 12, 1974).

846/Cal/75. Chinoim Gyogyszer Es Vegyeszeti Termek Gyara RT. New amino acid derivatives and a process for the preparation thereof.

847/Cal/75. Chinoim Gyogyszer Es Vegyeszeti Termek Gyara RT. New benzimidazole derivatives.

848/Cal/75. Guglielmo Aiti. A device for improved efficiency in internal combustion engines.

849/Cal/75. Sachindra Prasad Saha. Lead acid cells.

850/Cal/75. Mining and Allied Machinery Corporation Ltd. Hydraulic props for roof support of mines.

28th April, 1975

851/Cal/75. RCA Corporation. Megasonic cleaning method and system.

852/Cal/75. Toyama Chemical Co. Ltd. Novel penicillins and cephalo-sporins and process for producing the same.

853/Cal/75. Delle-Alsthom. Sealing device for an assembly of elements of high-voltage cut-out devices.

854/Cal/75. The Goodyear Tire & Rubber Company. Multi-ribbed power transmission belt and method of making said belt.

855/Cal/75. USS Engineers and Consultants, Inc. Bearing construction for idler rolls and maintenance method for idler roll bearings.

856/Cal/75. SKF Compagnie D'Applications Mecaniques. Improvements in or relating to open-end spinning machines. (March 14, 1975).

857/Cal/75. Union Carbide Corporation. Corrosion inhibition of aqueous potassium carbonate gas treating systems.

858/Cal/75. Bijoy Krishna Mukherjee. Improvements in or relating to compost manure.

859/Cal/75. Konijn Machinebouw B.V. and Bagger—EN Constructiebedrijf Johan Klip B.V. Mouthpiece for a suction dredger.

860/Cal/75. SF India Limited. Improvements in or relating to conveyor assemblies.

29th April, 1975

861/Cal/75. Mukul Kumar Saha. A method of manufacturing a chemotherapeutic agent for the treatment of leprosy.

862/Cal/75. Westinghouse Electric Corporation. Electrical bushing having a spiral tap assembly.

863/Cal/75. The Lucas Electrical Company Limited. Roller clutch assembly. (May 15, 1974).

864/Cal/75. Imperial Chemical Industries Limited. Melt spinning process. (May 7, 1974).

865/Cal/75. The Lucas Electrical Company Limited. Motor vehicle rear lighting system. (May 28, 1974).

866/Cal/75. The Lucas Electrical Company Limited. A slip ring assembly for A. C. machines.

867/Cal/75. Saint-Gobain Industries. Heatable panes.

868/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to transmission systems. (December 18, 1974).

869/Cal/75. Siemens Aktiengesellschaft. Improvements in or relating to PCM Regenerators. (January 3, 1975).

870/Cal/75. G. M. Kamra. A device for use with a ceiling fan. [Addition to No. 1052/Cal/73].

30th April, 1975

871/Cal/75. Balram Nigan. Improvement in or relating to an electric plug.

872/Cal/75. Rabindra Nath Karmakar. Copy machine.

873/Cal/75. Lakshman Chandra Roy. Improvements in an relating to tiles, particularly from petroleum product such as bitumen.

874/Cal/75. Teecee General Industries (Pvt) Limited. Steno-safe.

875/Cal/75. Pont A-Mousson S.A. Casing voussoir and method for producing the voussoir.

876/Cal/75. Colgate-Palmolive Company. Unitary detergent compositions and washing methods.

877/Cal/75. Apex Packaging Co. (Swansea) Limited. Improvements in or relating to trolleys.

878/Cal/75. Monsanto Company. Process for producing N-phospho-nomethyl glycine.

879/Cal/75. BASF Aktiengesellschaft. Particulate expandable styrene polymers having short minimum molding times.

880/Cal/75. Mitsui Toatsu Chemicals, Inc. Coloring of organic materials with asymmetric thioindigoid compounds.

*APPLICATION FOR PATENTS FILED AT THE  
(BOMBAY BRANCH)*

7th April, 1975

94/Bom/75. S. V. Bongirwar. Tube night-lamp.

8th April 1975

95/Bom/75. The Textile and Allied Industries Research Organisation. Improved shado-o-meter.

96/Bom/75. Sarabhai International Private Limited. An Improved camping tent.

97/Bom/75. V. S. Ranade and Dr. S. Y. Damle. The process for manufacture of combustible gas and charcoal from ordinary woods.

10th April, 1975

98/Bom/75. Vulcan-Lavel Limited. Self steering spread axle bogie.

99/Bom/75. Taru Motors. An internal combustion engine.

100/Bom/75. Taru Motors. An internal combustion engine.

11th April, 1975

101/Bom/75. Ciba-Geigy of India Limited. Heterocyclic compounds.

102/Bom/75. M/s. Shree Cosmetics. An improvement in the mechanical action of liquid containers.

14th April, 1975

103/Bom/75. Ion Exchange (India) Limited. Upflow filter.

104/Bom/75. Darius Behram Dahmubed. A method of tapping power inherent in the voltage difference between the upper layers of the atmosphere, and the earth, for doing useful work.

105/Bom/75. V. G. Konnur. Developed picker used on power-loom and hand-loom.

15th April, 1975

106/Bom/75. H. V. Kane. Safety-latch for aldrop.

16th April, 1975

107/Bom/75. Hoechst Pharmaceuticals Limited. Process for the preparation of 2-amino-3-carbalkoxy-1-N-hydroxy indoles.

18th April, 1975

108/Bom/75. Hoechst Pharmaceuticals Limited. Process for the preparation of 2-amino-3-carbalkoxy-in-amino-alkoxy indole derivatives.

109/Bom/75. P. P. Dahanukar. Improved petrol saver device for internal combustion engines and the like.

110/Bom/75. Marathe Research Foundation. A system for direct feed tandem carding.

19th April, 1975

- 111/Bom/75. Rajinderkumar. Improvements in or relating to pressure stoves.
- 112/Bom/75. A. Kagalwala, R. Kagalawala and R. Kagalwala. Improvements in or relating ballasts for fluorescent lamps.

**APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)**

4th April, 1975

- 56/Mas/75. Bangalore Sriramulu Naidu Vijayarangam Naidu. Cinema stage adjuster according to screen sizes.

- 57/Mas/75. M. S. Mahalingam. Improvements in or relating to the manufacture of phosphates.

15th April, 1975

- 58/Mas/75. W. S. Insulators of India Limited. Surge diverters or lightning arresters.

16th April, 1975

- 59/Mas/75. T. K. R. Rao. A device for measuring the surface area of opaque objects.

18th April, 1975

- 60/Mas/75. M/s. Water Development Society. Improvement in or relating to Control valve for rotation air motor under the trade name of WDS-II.

- 61/Mas/75. M/s. Water Development Society. Improvement in or related to pneumatic rock drilling equipment under trade name of guide-bush W DS-1.

- 62/Mas/75. P. V. Hariharan. Engine stove.

21st April, 1975

- 63/Mas/75. K. Seshadri. Self sealing glands for liquid pump.

**ALTERATION OF DATE**

130018. Ante-dated to 5th July, 1965.

137235.

510/Cal/75. Ante-dated to 28th March, 1967.

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F,+F,a, \*F,c+F,d. 81310.  
I.C. -C07c 171/06.

**PROCESS FOR THE PREPARATION OF 19-NOR-STEROIDS.**

N. V. ORGANON, OF KLOOSTERSTRAAT 6, OSS, THE NETHERLANDS.

Application No. 81310 filed March 19, 1962.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**6 Claims**

Process for the preparation of new 19-nor-steroids characterized in that a  $\Delta^5(6)$ -3-hydroxy-19-nor-steroid is treated with a phospho halide, a phosphoroxy halide or with a thionylhalide to obtain the corresponding 3-halo-, or 3-sulfonyloxy-steroid, after which, if desired, the 3-substituent is split off by reaction with an alkali metal in the presence of a primary amine, liquid ammonia or an alcohol, or with an aluminium or boron hydride.

CLASS 32F,b & 55E<sub>2</sub>+E<sub>4</sub> I.C.—CO7d 99/14, 99/16. 85266.

**PROCESS FOR THE ENZYMATICAL ACYLATION OF 6-AMINOPENICILLANIC ACID.**

BAYER AKTIENGESELLSCHAFT, FORMERLY KNOWN AS FARBENFABRIKEN BAYER AKTIENGESELLSCHAFT, OF 22C LEVERKUSEN-BAYERWERK, FEDERAL REPUBLIC OF GERMANY.

Application No. 85266 filed November 23, 1962.

Convention date September 19, 1962/(35672/62) U.K.

Addition to No. 74053.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims. No drawings.**

Process for the production of  $\alpha$ -aminobenzyl-penicillin, which comprises cultivating, in a nutrient medium under aerobic conditions at an approximately neutral pH, a culture of penicillin-splitting bacteria separating the bacterial cells from the culture solution and suspending said cells in an aqueous medium, adding thereto 6-amino-penicillanic acid and a derivative of  $\alpha$ -aminophenyl-acetic acid selected from  $\alpha$ -phenylglycylamide and  $\alpha$ -phenyl-glycine ethyl ester, said bacterial cells functioning to link the 6-amino group of said 6-amino-penicillanic acid with the  $\alpha$ -aminophenyl-acetyl radical, adjusting the pH to between about 4.5 and 8 and incubating the resulting reaction mixture for at least one hour, said penicillin-splitting bacteria being selected from bacteria capable of preferentially attacking the amide bond in the 6-position of a penicillin molecule with the formation of 6-aminopenicillanic acid as evidenced by the ability of said bacteria to inactivate penicillin G by at least 20 percent within 24 hours to yield a solution in which said inactivated penicillin G can be at least partially reactivated by the addition of phenylacetyl chloride thereto.

CLASS 32F,+32F,b. I.C.—CO7d 7/04, 7/06. 100402.

**PROCESS FOR THEIR MANUFACTURE OF LINCOMYCIN DERIVATIVES**

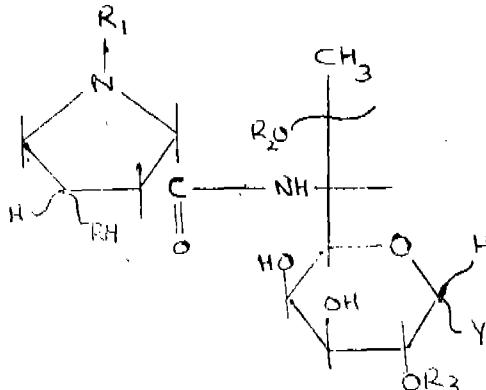
THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

Application No. 100402 filed July 5, 1965.

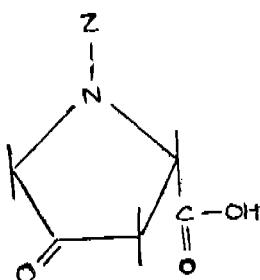
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**3 Claims**

A process for the preparation of a compound of the formula H.



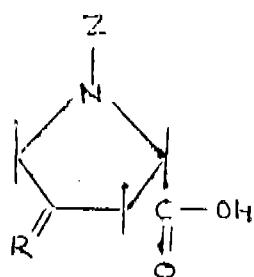
wherein R is a member of the group consisting of alkylidene of not more than 20 carbon atoms, cycloalkylidene of 3 to not more than 8 carbon atoms, and aralkylidene of not more than 12 carbon atoms; R<sub>1</sub> is a member of the group consisting of alkyl of not more than 20 carbon atoms, cycloalkyl of not more than 8 carbons, and aralkyl of not more than 12 carbon atoms; R<sub>2</sub> and R<sub>3</sub> are members of the group consisting of hydrogen and alkyl of not more than 12 carbon atoms; and Y is a member of the group consisting of hydrogen, -S-alkyl of not more than 12 carbon atoms, -S-CH<sub>2</sub>CH<sub>2</sub>OH and -SCH<sub>2</sub>CH<sub>2</sub>R<sub>4</sub>, wherein R<sub>4</sub> is alkyl of not more than 12 carbon atoms; which comprises reacting a compound of the formula A.



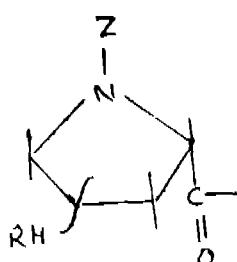
wherein Z is a protective group removable by hydrogenolysis, with a Wittig reagent of the formula B.

R=P(C<sub>n</sub>H<sub>m</sub>)<sub>n</sub>

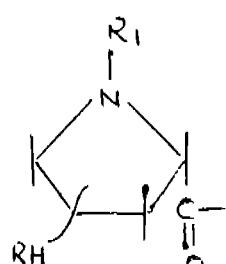
where R is as defined above, to form a compound of the formula C.



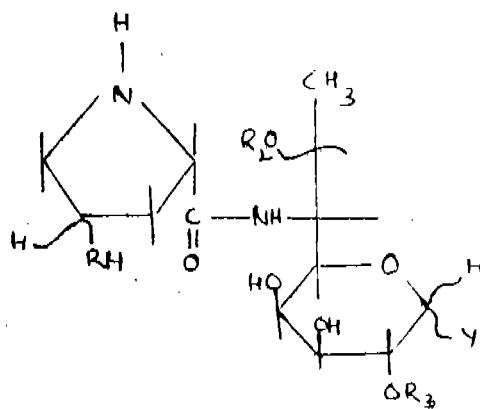
wherein Z and R are as given above, hydrogenating the said compound of formula C over a platinum catalyst to saturate the alkylidene group to form a compound of the formula D.



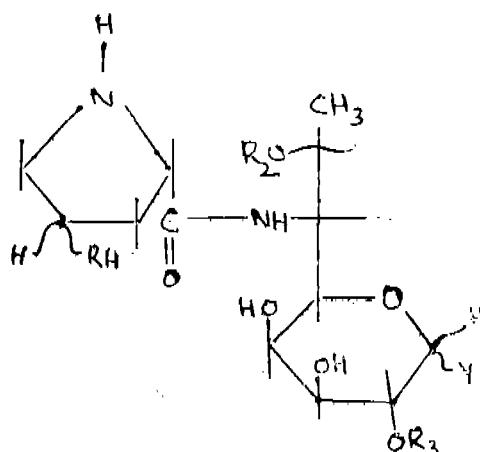
wherein Z and R are as given above; N-acylating with a compound of formula D a compound of the formula E.



wherein R<sub>2</sub>, R<sub>3</sub>, and Y are as defined above; to form a compound of formula F.



wherein R<sub>2</sub>, R<sub>3</sub>, Y and Z are given above; hydrogenating the said compound of formula F over a palladium catalyst to remove the Z group so as to form a compound of the formula G.



wherein R, R<sub>2</sub>, R<sub>3</sub>, and Y are as given above; and alkylating in a manner known per se the compound of said formula G.

CLASS 32F<sub>1</sub> + F<sub>2</sub>b & 55E<sub>9</sub> + E<sub>4</sub>.

106007.

I.C.-C07d 7/42.

#### PROCESS FOR PREPARING NEW XANTHENE DERIVATIVES

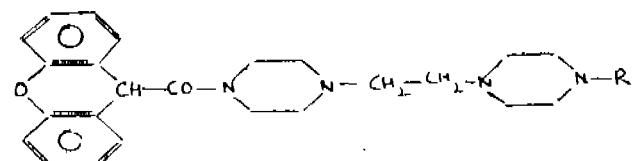
E. GY. T. GYOGYSZERVEGYESZETI GYAR (FORMERLY KNOWN AS EGYESULT GYOGYSZER ES TAPSZERGYAR), OF KERESZTURI UT 32 BUDAPEST X, HUNGARY.

Application No. 106007 filed July 2, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 2 Claims

A process for preparing new xanthene derivatives of the general formula I.



wherein R is selected from the group consisting of—

hydrogen

straight and branched chain alkyl having from 1 to 5 carbon atoms

alkyl substituted by hydroxyl or by pyridyl or by esterified hydroxyl

alkenyl

aralkyl

aralkyl substituted with alkyl

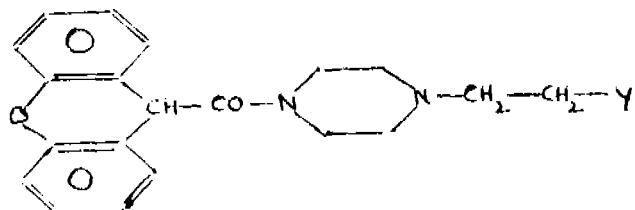
halopyridazinyl, aryl, heterocyclics and

R<sub>3</sub>CO radicals,

wherein R<sub>3</sub> is selected from the group consisting of alkoxy benzyloxy

aryl substituted with alkoxy

-N(R<sub>3</sub>, R<sub>4</sub>) radicals, wherein R<sub>3</sub> and R<sub>4</sub> stand for alkyl groups containing from 1 to 6 carbon atoms, which comprises reacting a compound of the general formula II.



wherein Y is selected from the group consisting of halogen and sulfonyloxy, with a piperazine derivative of the general formula III.



wherein R has the meaning as given above, and if desired, the R group of the product thus obtained is transformed in a known way such as herein defined to another desired R group, and if desired, the obtained free base is converted in a known way such as herein described to an acid or the acid addition salt and/or quaternary derivative is converted to the base in a known way such as herein described.

CLASS 32F<sub>1</sub>+F<sub>2</sub>, a+F<sub>3</sub>b. I.C.—CO7/c 95/08. 109966.

#### PROCESS FOR PREPARING DERIVATIVES OF N-SUBSTITUTED BENZYLIDENE-IMINES.

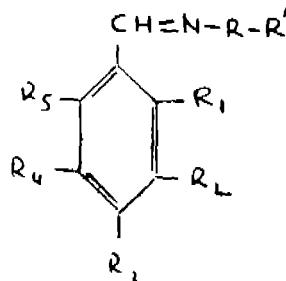
SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIES DE L'ILE DE FRANCE, OF 46, BOULEVARD DE LATOUR MAUBOURG-PARIS 7E, FRANCE.

Application No. 109966 filed March 28, 1967.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) patent Office, Calcutta.

#### 5 Claims

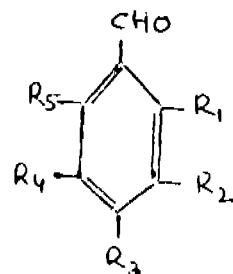
A method of preparing a N-substituted benzylidene imine of the formula III.



wherein R<sub>1</sub>, R<sub>3</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub> are hydrogen; or an alkoxy radical of low molecular weight, branched or straight chain, such as methoxy, ethoxy, propoxy, butoxy, isobutoxy and pentoxy; or a nitro radical; or an alkanoyl-amino radical; or a halogen such as fluorine, chlorine or bromine;

—R is an alkylene group of low molecular weight, branched or straight chain, such as methylene, ethylene, propylene, 2-methyl propylene, butylene and pentylene;

R' is a mono- or dialkylamino radical of low molecular weight in which the alkyl groups may be linked together to form a ring with or without nitrogen, oxygen or sulphur, any nitrogen atom in the ring being optionally linked to an alkyl group of low molecular weight, or a salt thereof, which comprises reacting a N-substituted benzaldehyde of the formula I.



with an amine of the formula H<sub>2</sub>N—R—R' or a salt thereof, in which formulæ the symbols R, R', R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, and R<sub>5</sub> have the significance indicated above.

CLASS 32F<sub>1</sub> & 55E<sub>4</sub>. I.C.-CO7d 7/04, 7/06.

120019.

#### PROCESS FOR THE PREPARATION OF LINCOMYCIN DERIVATIVES

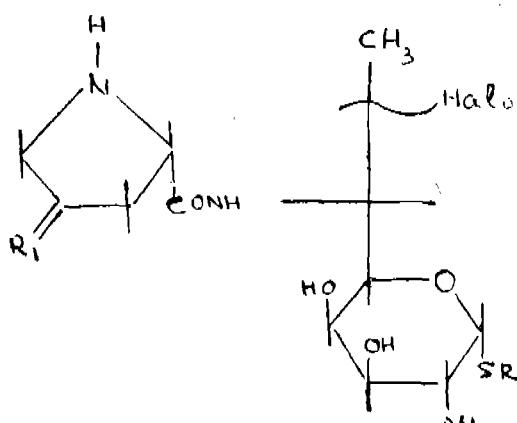
THE UPJOHN COMPANY, OF 301 HEMRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

Application No. 120019 filed February 24, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

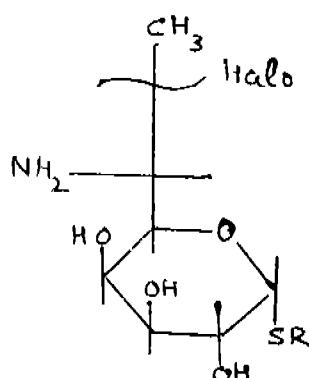
#### 4 Claims

A process for the preparation of compounds of the general formula I.

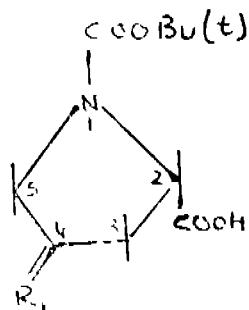


salts thereof, which process comprises acylating a compound of the formula II.

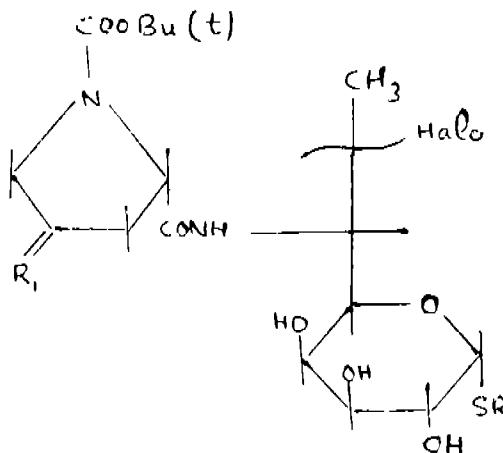
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.



or esters or ethers thereof with an acid of the formula III.



where Halo is chlorine, bromine, or iodine; R is alkyl of not more than 12 carbon atoms; and R<sub>1</sub> is alkylidene of not more than 20 carbon atoms, cycloalkylidene of 3 to not more than 8 carbon atoms, and aralkylidene of not more than 12 carbon atoms; to form a compound of the formula IV.



or the esters or ethers thereof and subjecting the same to acid-solvolytic to form a compound of the formula I shown in the drawings and the esters and ethers thereof, and, if desired, converting the products into their acid addition salts in a known manner such as herein described.

CLASS 32F<sub>a</sub> + F<sub>b</sub>c + F<sub>d</sub>. & 55E<sub>a</sub>.  
I.C.—CO7C 173/02.

121211.

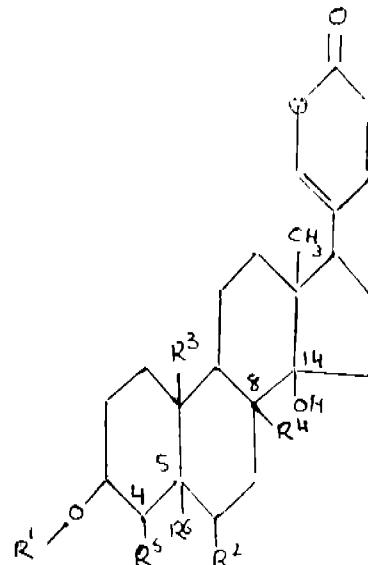
#### PROCESS FOR THE PRODUCTION OF NEW STEROID COMPOUNDS ACTING ON THE HEART

LAEVOSAN-GESELLSCHAFT CHEM. PHARM. INDUSTRIE FRANCK & DR. FRUDL, OF FRANCKSTRASSE 2, LINZ (AUSTRIA).

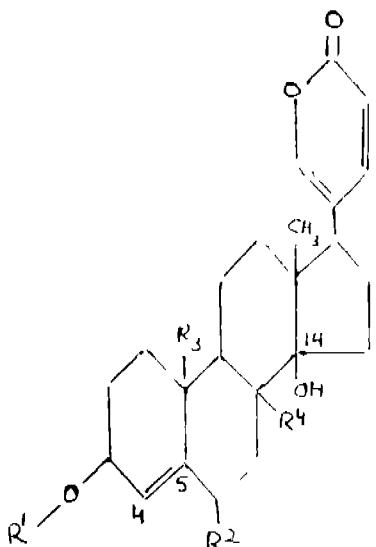
Application No. 121211 filed May 7, 1969.

#### 6 Claims

Process for the production of new heart-effective steroid compounds of the general formula III.



in which R<sup>1</sup> stands for a hydrogen atom or the residue of a sugar, like, for instance, the residue of a monosaccharide, such as glucose or rhamnose, of a disaccharide, such as glucorhamnose, or the residue of a trisaccharide or a sugar derivative, such as of an ester of an organic acid or of an ether or of a condensation product with carbonyl compounds; R<sup>2</sup> stands for hydrogen, hydroxyl, in which case the hydroxyl group can be esterified with organic acids, particularly acetic acid, or converted into an ether with alcohols; R<sup>3</sup> stands for an alkyl radical with one carbon atoms which may possibly be substituted by oxygen atoms, hydroxyl groups, alkoxy or acyl radicals; R<sup>4</sup> stands for hydrogen or a hydroxyl group which may possibly be esterified with organic acids or converted into ether with thyl alcohol, and R<sup>5</sup> and R<sup>6</sup> stand each for a hydroxyl group, or else together an epoxy group, characterised in that a compound of the general formula II.



in which R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> have the above mentioned meaning, is oxidized in position, 4, 5, by means of a peracid or with molecular oxygen in the presence of a naphthenate of cobalt, manganese, lead, iron and vanadium or of sodium vanadate or sodium tungstate as catalysts.

CLASS 32F<sub>1</sub> + F<sub>2</sub>b. I.C.-CO7d 7/04, 7/06.

128898.

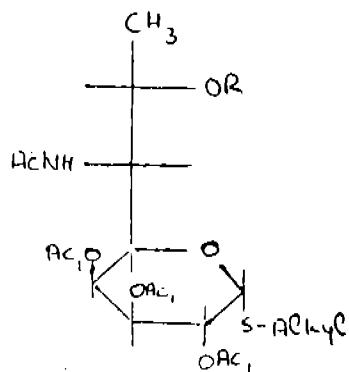
PROCESS FOR MAKING ALKYL  $\alpha$ -THIO-LINCOMAMIDES AND 7-O-DERIVATIVES THEREOF

THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

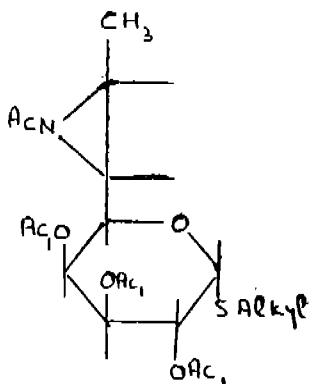
Application No. 128898, filed October 20, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims

A process for making alkyl 7-deoxy-7(S)-or- $\alpha$ -thiolincomamides of the formula III.

where alkyl is alkyl of not more than 4 carbon atoms, R is hydrogen or a hydrocarbon radical or a hydroxy, alkoxy, or halo-substituted hydrocarbon radical, Ac and Ac<sub>1</sub> are hydrogen or carboxacyl which comprises opening the aziridino ring of a compound of the formula IV.



where Ac is carboxacyl and Alkyl and Ac<sub>1</sub> are as given above by solvolysis with a compound of the formula ROH wherein R is as given above and subjecting the product to hydrazinolysis when it is desired that Ac and Ac<sub>1</sub> be hydrogen.

CLASS 32F<sub>1</sub> + F<sub>2</sub>b. I.C.-CO7d 7/04, 7/06.

130018.

## PROCESS FOR THE PREPARATION OF LINCOMYCIN ANALOGS

THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

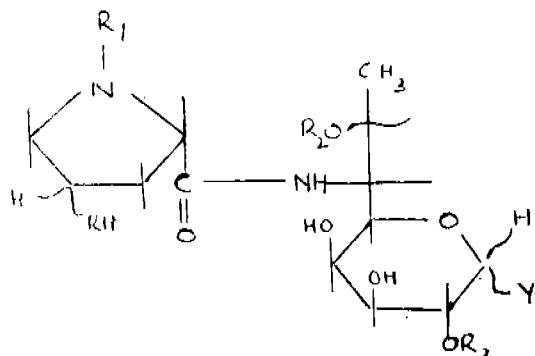
Application No. 130018 filed January 20, 1971.

Division of Application No. 100402 filed July 5, 1965.

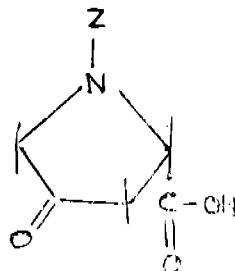
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 1 Claim

A process for the preparation of a compound of the formula H.



wherein R is a member of the group consisting of alkylidene of not more than 20 carbon atoms, cycloalkylidene of 3 to not more than 8 carbon atoms, and aralkylidene of not more than 12 carbon atoms; R<sub>1</sub> is a member of a group consisting of alkyl of not more than 20 carbon atoms, cycloalkyl of not more than 8 carbon atoms and aralkyl of not more than 20 carbon atoms; R<sub>2</sub> and R<sub>3</sub> are members of the group consisting of hydrogen and alkyl of not more than 12 carbon atoms; and Y is a member of the group consisting of hydrogen, -S-alkyl of not more than 12 carbon atoms, -SCH<sub>2</sub>CH<sub>2</sub>OH, and -SCH<sub>2</sub>CH<sub>2</sub>OR<sub>4</sub>, wherein R<sub>4</sub> is alkyl of not more than 12 carbon atoms; which comprises reacting a compound of formula A.

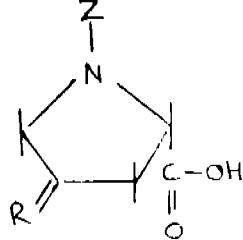


wherein Z is a protective group removable by hydrogenolysis, with a Wittig reagent of formula B, to form compound C.

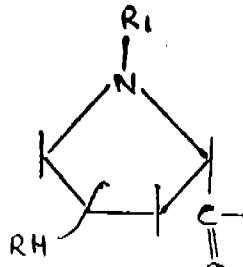
## Formula B.

R=P(C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>

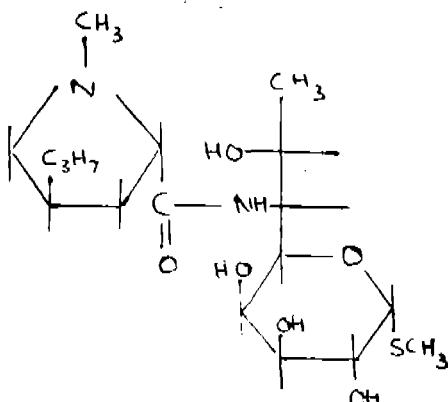
## Formula C



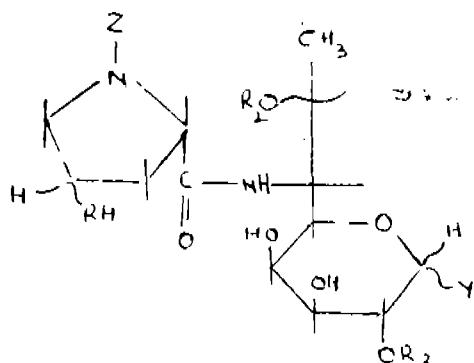
wherein R is as defined earlier; N-acylating a compound of formula E.



with a compound of said formula C to form a compound of formula I.



hydrogenating a compound of said formula I to saturate an olefinic double bond connecting an alkylidene group and to remove the Z group by hydrogenolysis in a known manner as herein described to form a compound of formula G.



and alkylating in manner known per se a compound of said formula G, wherein in each of the above formulae E, I, G, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, Y and Z are as defined earlier.

CLASS 32F, + F,b. I.C.—CO7d, 99/24.

130296.

**NEW PROCESS FOR THE PREPARATION OF CEPHALOSPORANIC ACID DERIVATIVES**

KONINKLIJKE NEDERLANDSCHE GIST-EN SPIRITUUFABRIEK N.V., OF 1, WATERINGSEWEG, DELFT, THE NETHERLANDS.

Application No. 130296 filed February 17, 1971.

Convention date February 18, 1970/(7892/70) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

27 Claims

Process for the transformation of a 6-substituted amino-penicillanic sulphoxide in the form of acid or derivative thereof, including a thiocarboxylic acid derivative, salt, ester or amide, into a 7-substituted amino-desacetoxycephalosporanic derivative characterised in that the penicillanic sulphoxide compound is heated up to 160°C under anhydrous conditions in the presence of at least one nitrogen-containing organic base and a silicon compound having a silicon-halogen bond, at least five moles of base being present for each mole of penicillanic sulphoxide compound.

CLASS 32F,+F,b. I.C.—CO7d 53/06.

131224.

**PROCESS FOR THE PREPARATION OF BENZODIAZEPINES**

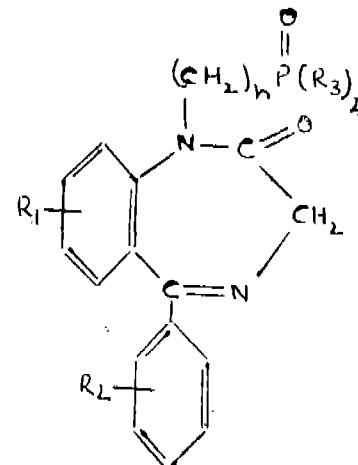
HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKURT/MAIN 80, FEDERAL-REPUBLIC OF GERMANY.

Application No. 131224 filed May 4, 1971.

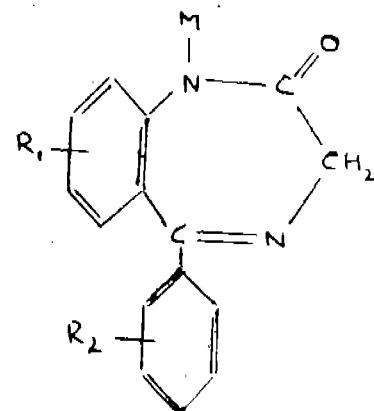
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) patent Office, Calcutta.

1 Claim

Process for preparing the benzodiazepines of the general formula I.



in which R<sub>1</sub> and R<sub>2</sub>, which may be identical or different, each represent a hydrogen atom, a nitro group, a halogen atom or the trifluoromethyl group and R<sub>3</sub> in addition may represent a straight chain or branched alkyl group having 1 to 6 carbon atoms, R<sub>a</sub> represents a straight chain or branched alkyl group having 1 to 3 carbon atoms, and n is a number from 1 to 6, which comprises reacting benzodiazepine derivatives of the general formula II.



in which M represents a metal cation and R<sub>1</sub> and R<sub>2</sub> have the meanings given above, with oxophosphine compounds of the general formula III.

X—(CH<sub>2</sub>)<sub>n</sub> P (O) R<sub>1</sub>)<sub>2</sub>

in which R<sub>1</sub> has the meaning given above and X represents a halogen atom or the radical of alkanesulfonic or aryl-sulfonic acid.

CLASS 114A. I.C.—C14 1/58.

132729.

**DOUBLE ROLLER MACHINE FOR DRYING OF MOISTURE FROM WET LEATHERS**

THADEY NISSAR AHMED AND THADEY NAZEER AHMED, OF M. C. ROAD, AMBUR, N. A. DISTRICT, TAMIL NADU, SOUTH INDIA.

Application No. 3/Mas/72 filed September 22, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 2 Claims

A device for drying the moisture from wet leather of either goat, calf or small size kips, simultaneously stretching and smoothing them while they are in wet condition, comprising two rubber rollers called pressure rollers, of which one is a lower roller and the other an upper one positioned parallelly to one another, set lock screws for adjusting the distance between these rollers a cylinder with helical blades fixed in relation to the rollers according to the thickness of the leather to be processed, and springs arrangement for adjusting the distance between the bladed cylinder and the pressure rollers.

CLASS 70C<sub>1</sub> + C<sub>x</sub>. Int.C-C23b; 5/46. 137207.

## IMPROVEMENTS IN OR RELATING TO THE ELECTRO DEPOSITION OF ZINC FROM CYANIDE BATH

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 220/72 filed May 17, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims. No drawings

A process for the production of lustrous zinc deposits on a metal base such as steel rods or plates by

(a) preparing conventional cyanide plating bath, (b) pretreating the metal base and electrodepositing zinc thereon from the cyanide plating bath by the conventional method, with a zinc anode and steel, brass or copper cathode material characterized in that a brightener consisting of

Oxidised PVA : 2-2.5 ml/l

Furfuraldehyde : 3-4 ml/l

Piperanaldehyde : 3-4 ml/l

is added to the cyanide plating bath prior to electrodeposition.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b+55D<sub>1</sub>. I.C.-CO7d 99/04. CO7d 99/06. 137208.

## PROCESS FOR THE PREPARATION OF BENZOTHIAZOLE COMPOUNDS

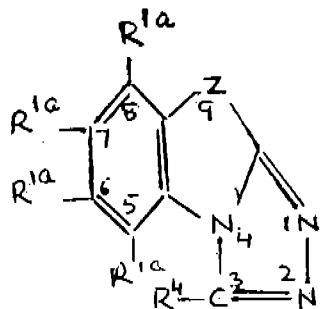
ELI LILLY AND COMPANY, OF 307 EAST MC CARTY STREET, INDIANAPOLIS, INDIANA, UNITED STATES OF AMERICA.

Application No. 1630/72 filed October 11, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims

A method for the preparation of a compound of the formula I.



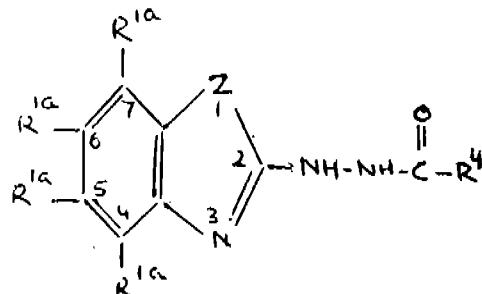
wherein each R<sup>1a</sup> independently represents hydrogen, halo, lower alkyl of C<sub>1</sub>-C<sub>3</sub>, lower alkoxy of C<sub>1</sub>-C<sub>3</sub>, or lower alkylthio of C<sub>1</sub>-C<sub>3</sub>; Z represents oxygen or sulfur; and R<sup>4</sup> represents hydrogen, alkyl of C<sub>1</sub>-C<sub>3</sub>, cyclopropyl, trifluoromethyl, or



radical of the formula —lower alkyl of C<sub>1</sub>-C<sub>3</sub>, subject to the limitations that at least two R<sup>1a</sup>'s, or at least one R<sup>1a</sup> and R<sup>4</sup> represent hydrogen; and (2) that when both R<sup>4</sup> and the R<sup>1a</sup> substituent at the 5-position represent groups other than hydrogen, such groups together do not contain more than six carbon atoms; which method comprises reacting, at a reaction

87GI/75-2

temperature of from 0° to 250°, a corresponding 2-(2-acylhydrazino) benzoxazole or benzothiazole of the formula II.



with polyphosphoric acid.

CLASS 24C+F & 206E. I.C.-B60t 7/00. 137209.

## BRAKING SYSTEMS FOR VEHICLES

JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 1683/72 filed October 20, 1972.

Convention date October 22, 71/ (49308/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims

A braking system for a vehicle including a circuit for obtaining an electrical signal the magnitude of which is dependent on the rotational deceleration of a wheel of the vehicle, a control network for releasing the brakes from the wheel when the magnitude of said electrical signal reaches a level at which the wheel is likely to skid, and timing means for ensuring that when the brakes are reapplied to the wheel, they remain on for a predetermined period of time sufficient to prevent permanent release of the brakes when the wheel is not skidding.

CLASS 33D. I.C.-C04b 35/42, B22c 1/18. 137210.

## PROCESS FOR THE MANUFACTURE OF REFRACTORY NOZZLES

DR. SHYAM SUNDAR GHOSE, C/o, M/S. BELPAHAR REFRactories LTD., P.O. BELPAHAR, S.E. RLY, ORISSA, INDIA.

Application No. 1759/72 filed October 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims. No drawings

A process for the manufacture of refractory nozzles which consists in preparing a moldable mixture of chrome ore and dead burnt magnesite in which the percentage of chrome ore is at least 50% and upto 80% together with an intermediate temperature bond as described herein which is either chromic acid or other water soluble salt of chromic acid or a water soluble chromate or di-chromate or boric acid or an alkali phosphate, said addition being used either singly or in combination of two or more, molding the said mixture into the shape of a nozzle, then drying the same at a temperature of 150 to 200°C to form a chemically bonded nozzle.

CLASS 63A<sub>8</sub>+B. 68D & 133A. I.C.-H02K 3/00, 19/00, H02h 1/00, 5/00. 137211.

## DYNAMOELECTRIC MACHINE WITH DIFFERENTIAL PROTECTION SYSTEM INCLUDING MEANS FOR AIR GAP MONITORING

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 2051/72 filed December 4, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

A dynamoelectric machine comprising a stator, a rotor inductively related to said stator with an air gap therebetween, said stator comprising a core having winding thereon including, for each electrical phase, a plurality of electrically parallel conductors uniformly distributed about said stator and mutually connected to a common lead, a plurality of first current transformers each having one of said parallel conductors as a primary winding, a second current transformer disposed on said common lead, said current transformers having mutually interconnected secondary windings, current unbalance responsive means connected between current transformer secondary windings that are on electrically adjacent parallel winding portions for responding to unbalanced current between individual ones of said parallel winding portions and additional current unbalance responsive means connected between said plurality of first current transformers on said parallel winding portions and said second current transformer on said common lead.

CLASS 141A+E. I.C.-C21b 1/02, 1/10. 137212.

METHOD OF CONVERTING AL<sub>2</sub>O<sub>3</sub> RICH IRON ORES INTO GOOD RAW MATERIALS FOR USE IN SINTERING PROCESS

NIPPON KOKAN KABUSHIKI KAISHA, OF 1-3, 1 CHOME, OHTE MACHI, CHIYODA KU, TOKYO, JAPAN.

Application No. 2247/72 filed December 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims

A method of converting Al<sub>2</sub>O<sub>3</sub> rich iron ore into the raw material for use in sintering process characterized in that the Al<sub>2</sub>O<sub>3</sub> rich iron ore is subjected to magnetizing roasting such that the ratio FeO/total Fe in the ore after magnetizing roasting step exceeds 0.15.

CLASS 148 H. + K. I.C.-G11b 1/04, 7/18, 137213. 7/04; G03d 13/06.

RADIOGRAPHIC FILM CASSETTE.

AGFA-GEVAERT, OF SEPTESTRAAT, 27, B 2510 MORTSEL, BELGIUM.

Application No. 2260/72 filed December 28, 1972.

Convention date December 29, 1971/(60344/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

Radiographic film cassette, comprising two frames which are hingedly connected to each other by means of hinge means at one edge and which may be locked together by appropriate locking means, wherein at least one of the frames is connected to the hinge means through a yieldable member, urging the two frames together at their hingedly connected edges, and wherein the locking means are so arranged that upon opening of the cassette they are capable of removing the two frames from each other at the corresponding edges near the hinge means over a distance which is greater than in case the two cassette frames were rigidly connected to said hinge means.

CLASS 63B. I.C.-H02K. 5/00, 1/00, 15/00. 137214.

METHOD OF MANUFACTURING YOKE ASSEMBLIES

THE LUCAS ELECTRICAL COMPANY LIMITED, FORMERLY KNOWN AS JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 37/Cal/73 filed January 5, 1973.

Convention date January 8, 1972/(943/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

A method of manufacturing a yoke assembly, comprising the steps of cutting a series of spaced notches in at least one of the edges of a metal plate, displacing material out of the plane of the metal plate so as to form a depression which extends

from each notch to the opposite edge of the plate, said displacement being effected separately for each depression, forming the metal plate into a tube with the depressions projecting inwardly to define poles, and inserting a field winding into the tube around the poles.

CLASS 32F. I.C.-C08F 3/76, 3/78.

137215.

## METHOD FOR PREPARING INTERPOLYMERS

THE LUBRIZOL CORPORATION, BOX 3057 EUCLID STATION, CLEVELAND, OHIO 44117 USA.

Application No. 175/Cal/73 filed January 24, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims. No drawings

In a method for preparing interpolymers by the copolymerization in an aqueous acidic system of at least one of acrylonitrile and methacrylonitrile with at least one other polymerizable unsaturated monomer, at least a portion of said other monomer containing sulfonic acid or sulfonic acid salt groups, the improvement which comprises carrying out said polymerization in the presence of a minor amount as herein defined of at least one salt which is a nitrate, chloride, sulfate, or  $\alpha$ -polychlorocarboxylate of ammonium or of a metal of Group 1b, 2, 3a, 4a, 7b or 8 of the Periodic Table, said metal having an atomic number greater 12.

CLASS 35E. I.C.-F27d 1/16. 137216.

## REFRACTORY SHAPED MATERIALS

ORISSA, CEMENT LIMITED, OF RAJGANGPUR, DIST-SUNDARGARH, ORISSA, INDIA.

Application No. 294/Cal/73 filed February 12, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims. No drawings

Refractory shaped material whose any working surface or a portion thereof is provided with serrations, roughenings or recesses and a wear resistant lining of another refractory material having refractoriness higher than the former over the said serrated, roughened or recessed surface characterised by that the said wear resistant lining of refractory material consists of an addition of 0.5 to 15% by wt. of graphite to refractory aggregate which is cold bonded with at least one water soluble or water miscible cold setting bond.

CLASS 32F:a. I.C.-C07c, 35/00, 79/02. 137217.

A PROCESS AND AN INSTALLATION FOR THE CONTINUOUS PRODUCTION OF 2,4,6-TRINITROTOLUENE. SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS, OF 12, QUAI HENRI IV, 75181 PARIS CEDEX 04, FRANCE.

Application No. 378/Cal/73 filed February 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims

A process for the continuous production of 2,4,6-trinitrotoluene by nitrating mononitrotoluene with concentrated nitric acid and concentrated sulphuric acid or fuming sulphuric acid, in which dinitrotoluene is produced in a first step and converted in a second step to trinitrotoluene, the first step being carried out in a first nitration apparatus in which the reagents flow in countercurrent and the second step being carried out in a second nitration apparatus in which the reagents flow in co-current, the second nitration apparatus comprising at least two stages, each stage having at least two nitration reactors in series followed by a separator for separating the mixture of nitric acid and sulphuric acid from the reaction product and the first of the reactors of each stage being supplied separately with concentrated sulphuric acid and nitric acid or being supplied with a mixture of fuming sulphuric acid and nitric acid.

CLASS 83A, I.C.-A23C 11/00.

137218.

## PROCESS FOR THE PREPARATION OF SIMULATED HUMAN MILK

AKADEMIE DER WISSENSCHAFTEN DER DDR, OF RUDOWER CHAUSSEE, 1199 BERLIN, GERMAN DEMOCRATIC REPUBLIC.

Application No. 420/Cal/73 filed February 26, 1973.

Convention date July 24, 1972/(34499/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings

A process for the preparation of simulated human milk, wherein a liquid such as herein described from which the anions of weak acids present have been removed, in a manner such as herein described is homogenised in known manner with protein raw material obtained by sudden precipitation of the said protein raw material at the isoelectric point, in the pH range of 4.4—5.1, as well as with fats, vitamins and minerals, and subsequently mixed with lactose in an amount of 6—8% of the mixture and optionally with further nutrients such as herein described.

CLASS 32F<sub>2</sub>a, I.C.-C07C, 69/40. 137219.

## PROCESS FOR THE PREPARATION OF SUCCINYL-SUCCINIC ACID DIESTERS

LONZA LTD, OF GAMPEL/VALAIS, SWITZERLAND.

Application No. 492/Cal/73 filed March 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings

Process for the preparation of succinylsuccinic acid diesters from  $\alpha$ -haloacetoacetic acid esters in water, using a strong base, wherein the reaction of the  $\alpha$ -haloacetoacetic acid ester is carried out in an aqueous buffer solution of inorganic salts at a pH value of 8—10.

CLASS 32F<sub>2</sub>a, I.C.-C07c 69/74. 137220.

## PROCESS FOR THE PREPARATION OF NOVEL CYCLOPROPANECARBOXYLATE ACID ESTERS

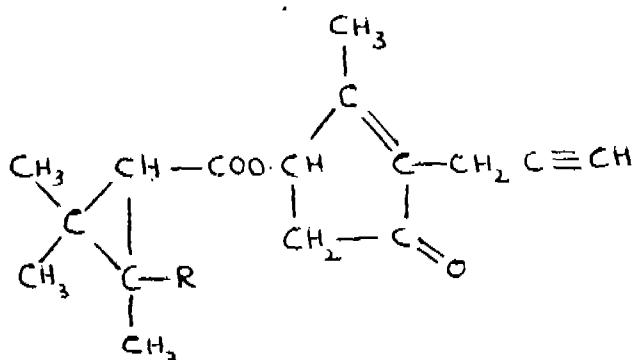
SUMITOMO CHEMICAL COMPANY LTD., OF 15, KITAHAMAMA-5-CHOME, HIGASHI-KU, OSAKA, JAPAN.

Application No. 1256/Cal/73 filed May 29, 1973.

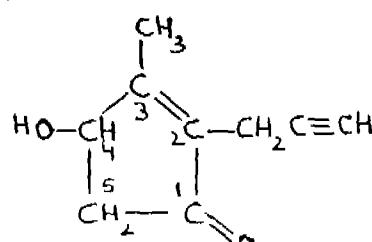
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

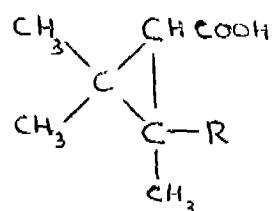
A process for preparing a cyclopropanecarboxylic acid ester of the formula I.



wherein R is hydrogen or methyl group, which comprises reacting a compound of the formula II.



with the compound of the formula III.



wherein R has the same meanings as defined above.

CLASS 32F<sub>1</sub>, I.C.-C07d 51/42. 137221,

## PROCESS FOR PREPARING PYRIMIDINE DERIVATIVES

LABAZ, OF 39 AVENUE PIERRE 1 ER DE SERBIE, 75 PARIS 8E, FRANCE.

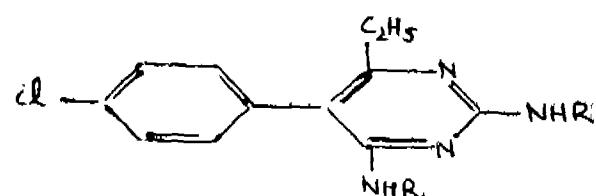
Application No. 1621/Cal/73 filed July 11, 1973.

Convention date July 21, 1972 (34378/72) U.K.

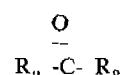
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Process for preparing a pyrimidine derivative represented by the general formula I.



or a pharmaceutically acceptable single (mono) double (di) acid addition salt thereof, wherein R represents a dipropylacetyl, tripropylacetyl 2-ethyl-2-butyl-acetyl or 2-methyl-2-pentyl-acetyl group and R<sub>1</sub> represents hydrogen, or a dipropylacetyl, tripropylacetyl, 2-ethyl-2-butyl-acetyl or 2-methyl-2-pentyl-acetyl group R and R<sub>1</sub> being identical when R<sub>1</sub> is other than hydrogen which process comprises heating 2,4-diamino-5- $\alpha$ -chlorophenyl-6-ethyl-pyrimidine with the appropriate quantity of a compound of the general formula II.



wherein R<sub>1</sub> represents a 2-heptyl, 3-heptyl, 4-heptyl or 4-(4-propyl)-heptyl group and r<sub>1</sub> represents a chlorine atom or a group of general formula IV.



wherein R<sub>2</sub> has the meaning hereinbefore defined, to form the required mono-or di-substituted pyrimidine derivative in free base form which, if desired may be reacted with a stoichiometric quantity of an organic or inorganic acid to form the corresponding single or double pharmaceutically acceptable acid addition salt thereof.

CLASS 172D<sub>2</sub>, I.C.-D01h, 7/22. 137222.

## A BRAKE MECHANISM FOR A SPINNING AND TWISTING SPINDLE

MASCHINENFABRIK RIETER A.G., OF WINTERTHUR, SWITZERLAND.

Application No. 1374/Cal/73 filed August 28, 1973.

Convention date September 13, 1972/(42440/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims

A brake mechanism for a spinning and twisting spindle provided with a brake surface which is mounted for radial flexibility in a spindle housing fixed to a spindle rail and which comprises a U-form clamp fixed to the spindle rail whose brake shoes are designed to be pressed onto the brake surface of the spindle for braking by tightening the U-member, wherein the U-member is tightened by elastic means and wherein an elastic intermediate member is provided between the brake shoes and the point at which the U-member is connected to the spindle rail so that when the brake shoes are applied the brake surface moves radially with them.

CLASS 3b, 22, 90H & 155D. I.C.-C03C, 17/32. 137223.  
GLASS SHAPED BODY COATED WITH MULTI LAYER-  
PROTECTIVE FILMS AND METHOD FOR PRODUCING  
THE SAME

TSUKIHOSHI KASEI KABUSHIKI KAISHA (ALSO KNOWN AS MOON-STAR CHEMICAL CORPORATION), AT 60, SHIRAYAMA-MACHI, KURUME-SHI, FUKUOKA-KEN.

Application No. 966/72 filed July 25, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims

Glass shaped body having multi-layer protective coating films such as herein described of high polymer substance, CHARACTERIZED BY an inner protective coating film formed from elastic material such as natural rubber, synthetic rubber or synthetic resins which are capable of intimately contacting the surface of the glass shaped body and having moderate adhesion thereto, and an outer protective coating film covering said inner protective coating film formed from a high polymer substance such as herein described having higher mechanical strength than that of the inner film, said inner protective coating film, having such adhesive strength with respect to the surface of said glass shaped body that its latitude of elongation is substantially zero in its state of being coated on the body surface, but, at the time of breakage of said glass shaped body, it exfoliates from the body surface to cause a certain latitude of elongation, thereby preventing broken glass fragments from scattering.

CLASS 32F. I.C.—C07c 171/00. 137224.

A PROCESS FOR THE ACIDOLYSIS OF NITRIC ACID ESTERS OF STEROID-21-ALCOHOLS

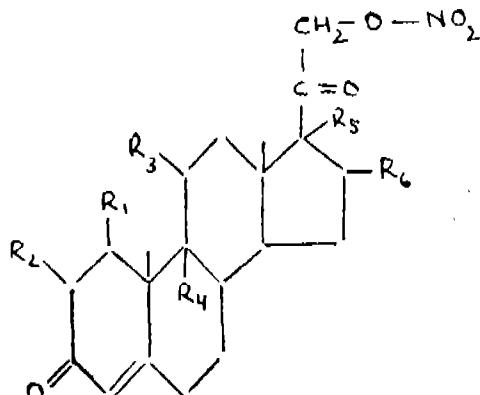
RICHTER GEDEON VEGYESZETI GYAR R. T., OF GYOMROI UT 21, BUDAPEST X, HUNGARY.

Application No. 1379/72 filed September 11, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims

A process for the acidolysis of nitric acid esters of steroid-21-alcohols having the general formula (I).



wherein

R<sub>1</sub> and R<sub>6</sub> each represent hydrogen or form together a valence bond,  
R<sub>a</sub> represents hydrogen or an alpha or beta hydroxy group,

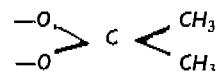
R<sub>4</sub> represents hydrogen or an alpha halogen, or

R<sub>3</sub> and R<sub>4</sub> may form together a valence bond or a beta epoxy group,

R<sub>x</sub> represents hydrogen, an alpha hydroxy group or an esterified alpha hydroxy group,

R<sub>y</sub> represents hydrogen, an alpha hydroxy group, an esterified alpha hydroxy group or an alpha or beta methyl group or

R<sub>x</sub> and R<sub>y</sub> may form together a group of the formula II.



in which a compound of the general formula (I) is reacted with 3 to 20 moles of anhydrous hydrofluoric acid in a halogenated hydrocarbon at a temperature below 20°C.

CLASS 64B. I.C.-H01r 7/00.

137225.

## PRODUCT

AMIR CURMALLY, OF 56, TIVOLI COURT, CALCUTTA, WEST BENGAL, INDIA.

Application No. 1443/72 filed September 16, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims

A connector assembly for use with an electric power distribution track which includes two opposed channel sections arranged back-to-back one channel section housing a pair of conductors extending longitudinally thereof, said assembly comprising a housing having a nose portion projecting from one end thereof for insertion between the legs of the other said channel section to locate the housing in a position to close one end of said other channel section, resilient locking means carried by the housing for releasably locking the housing in position, and terminal block means within the housing, said block means having terminal sockets for receiving said conductors.

CLASS 181 & 195A. I.C.-F16k 1/00.

137226.

FLUID FLOW CONTROL VALVES INCORPORATING FLUID PRESSURE ACTUATED SEALING MEMBERS.

ACF INDUSTRIES INCORPORATED, OF 750 THIRD AVENUE, NEW YORK 10017, UNITED STATES OF AMERICA.

Application No. 1705/72 filed October 21, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

A fluid flow control valve comprising a valve body defining a valve chamber having upstream and downstream flow passages communicating therewith, an angularly movable ball valve member located in the valve chamber, a flow passage in said valve member which can be aligned with the upstream and downstream flow passages by angular adjustment of the valve member to permit fluid flow through the valve, a pair of sealing members surrounding the upstream and downstream flow passages respectively said sealing members being allowed limited axial movement relative to the valve member to provide a varying sealing pressure against the valve member, said sealing members defining surfaces respectively which can be subjected to fluid pressure to urge the respective sealing member into contact with the valve member, a pair of valve means for controlling the fluid pressure applied to said surfaces of the sealing members respectively, said valve means each being operable to apply to the respective surface the higher of the pressures within the respective flow passage and the valve chamber, whereby in the event of the pressure within the downstream valve chamber exceeding the pressure within the downstream flow passage due to leakage of fluid past the sealing member associated with the upstream flow passage, the sealing member associated with the downstream flow passage will be urged into tight sealing engagement with the valve member.

CLASS 14A<sub>1</sub>+D<sub>1</sub> & 64B<sub>1</sub>. I.C.-H01m 13/10. 137227.

#### BATTERY TERMINAL AND CELL CONNECTOR

CHLORIDE BATTERIES AUSTRALIA LIMITED FORMERLY KNOWN AS ASSOCIATED BATTERY MAKERS OF AUSTRALIA PTY. LIMITED, OF 55 BRYANT STREET, PADSTOW, NEW SOUTH WALES 2211, COMMONWEALTH OF AUSTRALIA.

Application No. 2212/72 filed December 22, 1972.

Convention date December 23, 1971/(PA7498) AUSTRALIA.

Addition to No. 128669.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

A terminal-connector arrangement for a battery comprising an outer-wall of said battery having an aperture through which the terminal and connector are joined characterised in that the outer-wall is deformed before and/or during joining together of the connector and terminal so that the contact surface between the outer-wall and connector and the outer-wall and terminal is increased.

CLASS 129-J & 151D. I.C.-B21b 17/02, 3/00. 137228.  
C21d 7/14.

#### METHOD OF FORMING SPIRAL RIDGES ON THE INSIDE DIAMETER OF EXTERNALLY FINNED TUBE.

UNIVERSAL OIL PRODUCTS COMPANY, OF NO. 10 UOP PLAZA, ALGONQUIN & MT. PROSPECT ROADS, DES PLAINES, STATE OF ILLINOIS, UNITED STATES OF AMERICA.

Application No. 96/Cal/73 filed January 12, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 12 Claims

Apparatus for simultaneously forming external helical fins and internal helical ridges which comprises means for supporting a tube for axial advance including internal tube support structure having a first part provided with a smooth cylindrical exterior surface and a second part provided with a helically grooved exterior surface, means for retaining said tube support structure at a fixed rolling zone longitudinally of the tube through which the tube advances, a plurality of circumferentially spaced fin rolling tools at said zone, each of said tools comprising a plurality of axially spaced groups of fin rolling discs, means supporting said tools for rotation with their axes crossed in space with respect to the tube axis, means supporting said first part of the tube support structure within the tube in registration with a first one of said groups of discs of said tools and supporting said second part of the tube support structure within the tube in registration with a second one of said group of discs of said tools positioned to act on the tube subsequent to the action thereon of said first one group of discs, means for effecting relative motion between said tools and tube equivalent to revolving said tools about the axis of the tube at said rolling zone and rotating said groups of discs about their own axes whereby to advance the tube through the rolling zone, and means providing for relative rotation between said first and second parts of said tube support structure.

CLASS 32F,c. I.C.-C07c 121/30. 137230.

#### IMPROVED PROCESS FOR THE CATALYTIC PRODUCTION OF UNSATURATED NITRILES

SNAM PROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Application No. 1174/72 filed August 16, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 11 Claims. No drawings

A process for producing an unsaturated nitrile, which comprises reacting an olefin, ammonia and oxygen or a gaseous mixture including oxygen, in the presence of a catalyst in which antimony is one of two or more components of the catalyst and in the presence of, in the gaseous state, one or more

saturated hydrocarbons having from 1 to 5 carbon atoms, there being used a total of from 1 to 50 moles of the saturated hydrocarbon(s) per mole of olefin.

CLASS 32F<sub>4</sub>b. I.C.-C07c 63/06. 137231.

#### PREPARATION OF 2-ALKOXY-5-ALKYLSULPHONYL-BENZOIC ACIDS

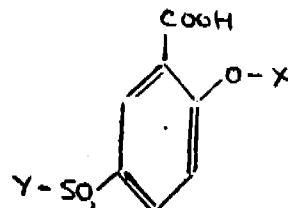
RENFAG S.A. OF 42, CHEMIN DE RUTH, 1223 COLOGNY, GENEVA, SWITZERLAND.

Application No. 64/Cal/73 filed January 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A method for the preparation of a 2-alkoxy-5-alkylsulphonyl-benzoic acid of the general formula I.



wherein X and Y are alkyl or alkenyl radicals with from 1 to 4 carbon atoms, comprising; alkylating o-cresol with an alkylating agent such as an alkysulphate, an alkylhalide or an alkylarylsulphate to produce an o-alkoxycresol brominating the o-alkoxy cresol to a 2-alkoxy-5-bromotoluene; reacting the 2-alkoxy-5-bromotoluene with a mercaptide to give a 2-alkoxy-5-alkylthio-toluene; and oxidising the 2-alkoxy-5-alkylthio-toluene with an oxidising agent such as potassium permanganate to a 2-alkoxy-5-alkylsulphonyl-benzoic acid.

CLASS 85C, 108B,a & 204. I.C.-C21b 7/20. 137232.

#### IMPROVEMENTS IN AND RELATING TO METERING INSTALLATIONS FOR SHAFT FURNACES, PARTICULARLY BLAST FURNANCES

S. A. DES ANCIENS ETABLISSEMENTS PAUL WURTH, OF 32, RUE D'ALSACE, LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG.

Application No. 605/Cal/73 filed March 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 12 Claims

Metering installation for shaft furnaces, particularly blast furnaces, comprising at least one hopper for storing charge material to be fed to the furnace, means for continuously measuring the weight or quantity of charge material stored in said hopper during the furnace charging, and metering means for controlling the charge material flow to the furnace, whereby said metering means is controlled as a function of the measurement performed.

CLASS 67A. I.C.-G08b 7/06, 23/00. 137233.

#### A LETTER BOMB DETECTOR

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 721/Cal/73 filed March 30, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims

A letter bomb detector particularly suited for the detection of letter bombs or metal components comprising a radio frequency generator, which generates a signal which is picked up by a coil inside a sensing device, which has a second coil connected to a detector whereby when a metal is interposed between the two coils, the signal passes to the detector unit and gives a visual and/or audio signal.

CLASS 206E. I.C.-H01L 13/00, 15/00.

137234.

## LIGHT SENSITIVE FIELD EFFECT TRANSISTOR COMPRISING A SEMI-CONDUCTOR

THE DIRECTOR, INDIAN INSTITUTE OF SCIENCE, BANGALORE, MYSORE STATE, INDIA.

Application No. 81/Mas/73 filed June 11, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

19 Claims

A light sensitive field effect transistor comprising a semiconductor region of a predetermined type of conductivity, a first ohmic metal electrode on said semiconductor serving as a source electrode, a second ohmic electrode on said semiconductor serving as a drain electrode and two "T" shaped gate electrodes controlling the conductance of the source to drain channel by means of space charge zones extending both in the plane of the semiconductor wafer as well as in a plane perpendicular to it, the gate electrode forming either p-n transition to the said semiconductor or constituting a rectifying Schottky contact with the said semiconductor.

CLASS 32F<sub>1</sub>+F<sub>2</sub>,a+F<sub>3</sub>,b. I.C.-C07c 95/08

137235.

## METHOD OF PREPARING DERIVATIVES OF N-SUBSTITUTED BENZAMIDES

SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ILE DE FRANCE OF 46, DOULEVARD DE LATOUR MAUBOURG-PARIS 7E, FRANCE.

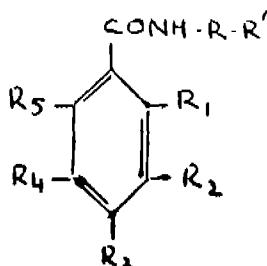
Application No. 510/Cal/75 filed March 14, 1975.

Division of Application No. 109966 filed March 28, 1967.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method for preparing a N-substituted benzamide of formula (II).

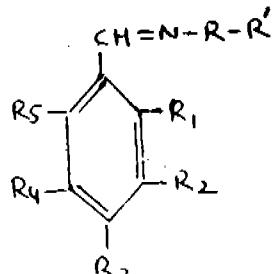


or a salt thereof, wherein—

R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub> are hydrogen; or an alkoxy radical of low molecular weight, branched or straight chain, such as methoxy, ethoxy, propoxy, butoxy, isobutoxy and pentoxy; or a nitro radical; or an alkanoylamino radical; or a halogen such as fluorine, chlorine or bromine;

R' is an alkylene group of low molecular weight, branched or straight chain, such as methylene, ethylene, propylene, 2-methyl-propylene, butylene and pentylene; and

R'' is a mono- or dialkylamino radical of low molecular weight in which the alkyl groups may be linked together to form a ring with or without nitrogen, oxygen or sulphur, any nitrogen atom in the ring being optionally linked to an alkyl group of low molecular weight; which comprises oxidising in known manner a N-substituted benzylidene imine of formula (I).



wherein the symbols R, R', R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, and R<sub>5</sub> have the significance indicated above.

CLASS 11C. I.C.-A231 1/20, A23k 1/00.

137236.

## PROCESS FOR DETOXIFYING NUTRIENT MATERIAL CONTAINING TANNINS

HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY-20, INDIA.

Application No. 1368/2 filed September 8, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims. No drawings

A process for detoxifying nutrient material containing tannins in an amount of 2% or more by weight, in which the material is treated with ammonia.

CLASS 62D. I.C.-D01c 1/02.

137237.

## DEGUMMING OF RAMIE FIBRE (BOEHMERIA NIVEA) FOR TEXTILE PURPOSES

THE DIRECTOR, JUTE TECHNOLOGICAL RESEARCH LABORATORIES, INDIAN COUNCIL OF AGRICULTURAL RESEARCH, 12, REGENT PARK CALCUTTA, 40, WEST BENGAL, INDIA.

Application No. 2050/72 filed December 4, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings

A process of degumming decorticated ramie fibre (Boehmeria nivea) of 19-30% gum content, which consists in heating the fibres in the form of bundles in a digester with a solution containing between one to two percent sodium hydroxide at 115°-125°C (10-19 lbs/inch<sup>2</sup>) for two hours with a fibre to liquor ratio of 1 : 6, washing the fibres with hot and cold water, treating the washed fibre with one percent acetic acid solution with a fibre to liquor ratio of 1 : 5, washing the fibre, treating the fibre with 0.15 to 0.4% solution of a cationic softening agent and drying the fibre in air.

CLASS 128F+I. I.C.-A61M 15/08.

137238.

## AN INHALING DEVICE FOR MEDICINAL POWDER COMPOSITIONS PROVIDED IN CAPSULE FORM

I.S.F. S.P.A., OF 1 VIA LEONARDO DE VINOI, TREZZANO SUL NAVIGLIO, MILAN, ITALY.

Application No. 782/Cal/73 filed April 4, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An inhaling device for medicinal powder composition provided in capsule form comprising, in combination; a circular lower member provided with a cavity in which the said capsule is to be located, which cavity is formed in an upwardly extending platform of said member, and at least one piercing member for said capsule, which piercing member is resiliently biased away from said capsule and laterally projects from said platform, a circular upper member, formed with a number of tangential passages, said upper member providing a lower edge with undulated projection to provide a cam which is able on rotation to reciprocate said piercing member against the action of a spring in order to pierce said capsule, the upper member being provided with a telescopically extendable stopped mouthpiece, the mixing chamber being located in the region of the device occupied by the collapsed mouthpiece.

CLASS 32C+F,b. I.C.-C07g 5/00.

137239.

## METHOD FOR THE EXTRACTION OF LYSERGOL FROM PLANTS OF THE IPOMOEA GENUS

SIMES S.P.A., OF VIA BELLERIO 41, 20161 MILAN, ITALY.

Application No. 1158/72 filed August 14, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims

A method for the extraction of lysergol from the plant Kaladana that is, a plant of the family of Convolvulaceae, section of Ipomoeae genus Calonyction (Choisy) Hallier f. nova species, said extraction being carried out on the seeds, ground and fat-stripped beforehand, with a halogen substituted aliphatic hydrocarbonaceous solvent at a temperature from 10°C to 50°C and repeating the extraction step from 3 to 5 times, the so obtained extracts, combined and concentrated to one tenth of their original volume at a temperature below 30°C and under sub-atmospherical pressures, being allowed to stand a few days at 0°C—4°C and subsequently filtered, the filtrate after washing with water being extracted with an aqueous acidic solution, to separate the ergolic alkaloids, said extraction being continued until negative the Ehrlich alkaloid test, from the combined acidic extracts, slightly made alkaline with a base, the alkaloids being extracted again with a mixture of a chlorinated aliphatic hydrocarbon and an aliphatic alcohol the new extraction being continued until said Ehrlich test is negative again, and the combined extracts, washed once only with water and dried over anhydrous sodium sulphate being evaporated to dryness at a temperature below 30°C under sub-atmospherical pressures, forming a residue composed by the alkaloid fraction of the extracted plant, where lysergol predominates, and isolating lysergol from the residue by the steps such as herein described.

CLASS 32F,+F,b. I.C :-C07d 13/10. 137240.

## PROCESS FOR PREPARING BENZODIOXOLE COMPOUNDS

SCIENCES UNION ET CIE, OF 14, RUE DU VAL D'ORSURESNES 92150 FRANCE.

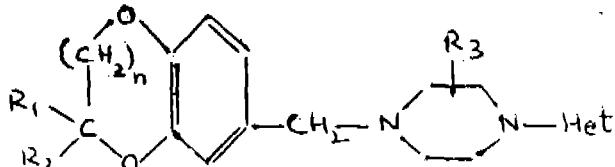
Application No. 1990/Cal/73 filed August 30, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims

A process for preparing:

(A) benzodioxole compounds of the general formula I.



wherein :

-n is selected from the group consisting of 0 and 1;

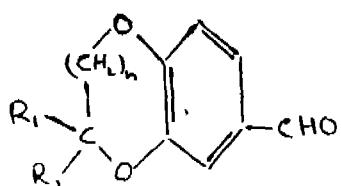
-R<sub>1</sub> and R<sub>2</sub>, which are the same or different, are selected from the group consisting of hydrogen, alkyl having from 1 to 5 carbon atoms inclusive, aryl, haloaryl, alkylaryl and alkoxyaryl wherein the alkyl and alkoxy moieties each have from 1 to 5 carbon atoms inclusive, trifluoromethylaryl, or

-R<sub>1</sub> and R<sub>2</sub> are joined, and together represent -(CH<sub>2</sub>)<sub>m</sub> wherein m is selected from the group consisting of 4 and 5;

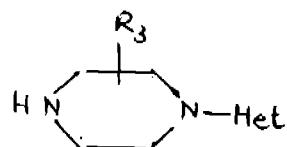
-R<sub>2</sub> is selected from the group consisting of hydrogen and methyl, and

-Het is selected from the group consisting of unsubstituted heterocyclic radicals having from 1 to 3 nitrogen atoms inclusive, and these radicals substituted by one or more substituents selected from the group consisting of halogen, alkyl and alkoxy, each having from 1 to 5 carbon atoms inclusive, hydroxy and amino, and

(B) physiologically tolerable acid addition salts thereof, wherein a mixture consisting of an aldehyde of the general formula II.



wherein n R<sub>1</sub> and R<sub>2</sub> have the meanings given above, and a substituted piperazine of the general formula III.



wherein R<sub>3</sub> and Het have the meanings given above, is submitted to an alkylating reduction under a pressure of hydrogen 5 atmospheres in the presence of palladised charcoal as catalyst, and, if desired, the so-obtained compounds are treated with physiologically tolerable acids in order to obtain the corresponding acid addition salts.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta at two Rupees per copy:—

124937 124985 125471 125553 125685 126032 126220 126302  
126313 126332 126403 126716 126718 126959 127083 127153  
127255 127318 127408 127436 127652 127703 127946 128009  
128896 128899 129019.

(2)

118640 118785 118865 118877 119062 119198 119625 120235  
120254 120634 120723 121028 121370 121434 121588 121822  
121944 122243 122357 122807.

(3)

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123446 123694 125912 126525 129153 129237 130797 131396  
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118004 118027 118037 118060 118073 118117 118138 118185  
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120022 120327 120401 120579 120952 121061 121162 121227  
121249 122077 122117 122166 122231 122439 122742 123837  
124744 124751 125188.

## CORRECTION OF CLERICAL ERROR

Under Section 78(3) of the Patents Act, 1970, certain clerical error in the name of the patentees marked in the drawings of Patent No. 121926 were corrected on 28th April 1975.

## PATENTS SEALED

75599 85904 93442 103472 108196 108457 108970 109388  
 119438 120066 122249 124894 128090 128173 129700 129731  
 133191 133273 133404 133613 133619 133690 133961 134053  
 134293 134383 135124 135127 135181 135182 135891 135915  
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 136027 136029 136033 136034 136036 136037 136038 136041  
 136042 136044 136045 136046 136048 136050 136070

## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Sandvikens Jernverks Aktiebolag, of Fack S-811 01, Sandvikens 1 Sweden, a Swedish joint stock Company, Engineers have made an application under Section 57 of the Patents Act, 1970 for amendment of application, specification and drawings of their application for patent No. 135862 for "Improvements in or relating to cutting tools". The amendments are by way of amendment of name of the applicants from "Sandvikens Jernverks Aktiebolag" to "Sandvik Aktiebolag". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.  
(PATENTS)

Assignments, licences or other transaction affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

90128.—The Anaconda Company.

120573.—Refradige S.p.A.

121137.—Vereinigte Österreichische Eisen-Und Stahlwerke-Alpine Montan Aktiengesellschaft.

122467.—M/s. Tata-Finlay Limited.

—do— M/s. Inter Consumer Goods AG.  
—do— J M/s. Finlip Products Limited.

123484.—M/s Chemnor Corporation of Panama City.

71633.—John Risdon Amphlett.  
—do— M/s. Magnatex Limited.

## PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

## No. &amp; Title of the invention

129132 (6-11-70) Production of pellets.

129318 (19-11-70) 1, 2-Dichloroethane and process for the purification thereof.

129376 (24-11-70) Method and means for manufacturing a powder by atomizing a molten material.

129383 (25-11-70) Process of dressing magnesium compounds.

129777 (29-12-70) Process for the production of mono azo dyes.

129914 (12-1-71) Process for the production of shaped urea.

130720 (25-3-71) Process for preparing a solution containing hydroxy ammonium phosphate.

133155 (11-2-70) A method and apparatus for repulsing and removing settled solids.

## RENEWAL FEES PAID

71915 72045 75102 75379 76482 76497 76515 76623 76745  
 76878 76938 77042 77165 77400 79340 79998 81506 82139  
 82284 82368 82369 82448 82525 82647 82701 82772 82802  
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 93898 93937 93976 93977 93978 94021 94051 94389 94442  
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**CESSATION OF PATENTS**

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**RESTORATION PROCEEDINGS**

(1)

Notice is hereby given that an application for restoration of Patent No. 127291 dated the 16th March, 1971 made by Central Machine Tool Institute on the 28th November 1974 and notified in the Gazette of India, Part III Section 2 dated the 11th January 1975 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 124911 dated the 19th January 1970 made by Harold Holloway on the 18th December, 1974 and notified in the Gazette of India, Part—III, Section 2 dated the 15th February 1975 has been allowed and the said patent restored.

**REGISTRATION OF DESIGNS**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 142194. Maya Panchel Industries, carrying on business at 216A, Falkland Road, Sanghvi Godown, Khetwadi 10th Lane, Bombay-400 004, Maharashtra (India). A registered Indian partnership firm. "Betal Box". August 27, 1974.

Class 1. No. 142284. Eimco Engineers, business address is Aji Industrial area, 80 feet road, Rajkot-360 003, Gujarat State. A partnership firm registered under the Indian Partnership Act. "Friction lighter for igniting gas-stoves". October 3, 1974.

Class 1. No. 142340. Kanaiyalal Jethalal Panchal, Gheekanta Road, 632, Near R. C. High School, Ahmedabad, Gujarat State, India. An Indian Citizen. "Air pump nozzle with side opening". October 14, 1974.

Class 1. No. 142341. Kanaiyalal Jethalal Panchal, Gheekanta Road, 632, Near R. C. High School, Ahmedabad, Gujarat State, India. An Indian Citizen. Device for converting an internal combustion engine into an air compressor". October 14, 1974.

Class 1. No. 142342. Kanaiyalal Jethalal Panchal, Gheekanta Road, 632 Near R. C. High School, Ahmedabad, Gujarat State, India. An Indian Citizen. "Air pump nozzle with bottom opening". October 14, 1974.

Class 1. No. 142343. Kanaiyalal Jethalal Panchal, Gheekanta Road, 632 Near R. C. High School, Ahmedabad, Gujarat State, India. An Indian Citizen. Device for converting an internal combustion engine into an air compressor". October 14, 1974.

Class 1. No. 142354. Asha Industrial Corporation 2869-70 Hamilton Road, Delhi-6. An Indian proprietorship concern. "A hydraulic jack". October 17, 1974.

Class 1. No. 142356. Ruby Industries, 25/7C Gali No. 10, Anand Paibat Industrial Area, New Rohtak Road, New Delhi-110005. An Indian partnership concern. "A stove". October 17, 1974.

Class 3. No. 142262. Harbans Lal Malhotra & Sons Pvt. Ltd., of 12, New C.I.T. Road, Calcutta-12, West Bengal, India. A Company incorporated in India. "Blade dispenser". September 19, 1974.

Class 3. No. 142283. S. R. Trading Co., 20/48, Lohar Chawl, Jaymahal Building, Bombay-400 002, Maharashtra State. An Indian Proprietary firm. "Reflector for automobiles" October 3, 1974.

Class 3. Nos. 142291 & 142292. Shinko Automac Co. B-19, Gujarat Society, Nehru Road, East Vileparle, Bombay-57, Maharashtra State, An Indian partnership concern. "Fender Control for automobiles". October 5, 1974.

Class 3. No. 142328. Associates Breweries & Distilleries and Bakhtawar Construction Co. (Private) Limited. An Indian Registered Co. having its Regd. Office at, Meher House, 1st floor, 15-Cawasji Patel Street, Bombay-400001, Maharashtra, India. An Indian Registered partnership firm. "A bottle". October 14, 1974.

Class 10. No. 142222. Stepwel Industries Limited 64A, Industrial Area, Faridabad (India) Haryana State, An Indian Company. "Foot wear". September 10, 1974.

Class 10. Nos. 142252 & 142253. Sports Equipment Pvt. Ltd., of D-32 New Delhi South Extension, Part II, New Delhi-49, India An Indian Company. "Shoes". September 16, 1974.

Cancellation of the registration of Designs,  
Section 51A.

The application made by Sisir Kumar Chakraborty of Advance Research Instruments Co., for Cancellation of the registration of Design No. 140667 in the name of Toshniwal Instruments & Engineering Co., which was notified in the Gazette of India, Part III, Section 2 dated the 13th April, 1974 has been dismissed.

S. VEDARAMAN  
Controller-General of Patents, Designs  
and Trade Marks.